

**BOROUGH OF WORKINGTON**



# **THE ANNUAL REPORT**

of

The Medical Officer of Health

**A. HARGREAVES**

M.B.Ch.B., D.P.H.

and

The Chief Public Health Inspector

**D. A. FOGG, M.A.P.H.I., M.R.S.H.**

**FOR THE YEAR 1970**



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# **PUBLIC HEALTH COMMITTEE**

1970

*Chairman :*

Councillor Mrs. A. B. THOMAS, J.P., C.C.

*The Mayor :*

Councillor W. J. CONNOR

*Aldermen :*

Mrs. E. G. CAIN, J.P., C.A.      W. B. COLLINS

*Councillors :*

W. MINTO (Vice-Chairman).

W. ASKEW.

J. FRYER.

P. BENTLEY.

J. JACKSON, C.C.

S. E. BIGNELL.

R. LONGWORTH.

Mrs. A. J. CARIGIET.

G. SHORT.

T. FINDLEY.

R. B. SPEDDING.

## Staff of the Public Health Department

ANTONY HARGREAVES, M.B., Ch.B., D.P.H.	Medical Officer of Health.
R. E. FLETCHER, M.B., Ch.B.	Deputy Medical Officer of Health.
DONALD A. FOGG, M.A.P.H.I., M.R.S.H.	Chief Public Health Inspector.
CHARLES E. PEARSON, M.A.P.H.I.	Deputy Chief Public Health Inspector.
JOHN J. PATTISON, M.A.P.H.I., M.R.S.H.	Public Health Inspector (to October 1970)
JOHN BRADBURY, M.A.P.H.I.	Public Health Inspector (from December 1970)
LESLIE CRELLING, M.A.P.H.I., A.M.R.S.H.	Public Health Inspector (to June 1970)
LESLIE G. SHEPHERD, M.A.P.H.I., A.M.R.S.H.	Public Health Inspector
Miss P. RYAN,	Student Public Health Inspector (from October 1970)
Miss M. BEATTIE,	Clerk
ROBERT ROBINSON,	Cleansing Foreman
WILLIAM LITTLE,	Rodent Operator

TOWN HALL.

WORKINGTON.

July, 1973.

*To the Worshipful the Mayor, Aldermen and  
Councillors of the Borough of Workington.*

Your Worship, Ladies and Gentlemen,

I beg to present to you my second annual report as your Medical Officer of Health. It is written on the lines laid down by Circular No. 1/71 of the Department of Health and Social Security.

The vital statistics for the year 1970 were generally satisfactory. Birth rate continues to be below the national average, and the Death rate (adjusted demographically) above the national average—thereby continuing the ageing trend in our population.

The introduction of a scheme using automatic data processing for call up procedures to bring all infants to appropriate group practice premises throughout all the county for vaccination and immunisation will, I am sure, bring about a much needed improvement in immunity levels in this age group — continuous effort is required, however, to keep immunity levels high for tuberculosis where the vaccine is given to an older age group of schoolchildren.

I wish to record my appreciation and thanks to all the staff for their work during the year and for the help in problems from colleagues and other departments. I wish too to express thanks to the Chairman and Members of the Public Health Committee for their kind consideration of all matters during the year. Thirdly, my thanks are due to my medical colleagues in general practice, the hospital service, and the public health laboratory service, for their help and collaboration.

I am,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

ANTONY HARGREAVES.



## STATISTICS

### 1. General.

Though fewer men were unemployed at the end of the year, this was almost counter-balanced by rather higher figures for women, boys and girls so that, though national unemployment figures continued to rise, those for Workington fell back to the 1968 figure.

At the end of the year a total of 460 men (550 in 1969), 251 women (227 in 1969) and 62 boys and girls (43 in 1969) were unemployed.

The national unemployment percentage figure at that time was 3.0 and for the area, including Workington, was 5.2.

### Town Statistics :

Area in Acres .....	5,644
Population (Registrar General's Estimate of Resident — mid year 1969) .....	29,460
Rateable Value .....	£1,192,952
Sum represented by a Penny Rate .....	£4,812·18
Total number of domestic premises.....	9,558

### 2. Vital Statistics.

#### Births.

##### *Live Births:*

Number: 451.

Legitimate Births .....	426
Illegitimate Births .....	25
	<hr/>
	451

Rate per 1,000 population .....	15.3
Adjusted rate (factor 1.0) .....	15.3
Illegitimate live births (per cent of total live births) .....	5.6%

##### *Still Births:*

Number 2

Rate per 1,000 live and still births .....	4.4
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##### *Infant Deaths:*

Number: 6.

##### *Infant Mortality Rates:*

Total infant deaths per 1,000 live births ...	13.3
Legitimate infant deaths per 1,000 legitimate live births .....	13.3

Illegitimate infant deaths per 1,000 illegitimate live births .....	0
Neo-natal mortality rate (deaths under 4 weeks per 1,000 live births) .....	6.7
Early neo-natal mortality rate (deaths under one week per 1,000 live births...	2.2
Peri-natal mortality rate (still births and deaths under one week combined per 1,000 total births) .....	13.2

### **Deaths.**

Deaths (all ages) .....	321
Crude death rate per 1,000 population .....	11.6
Adjusted death rate .....	13.3

#### Deaths from certain causes:

Tuberculosis .....	2
Cancer of the lung .....	15
Cancer of the uterus .....	3
Cancer of the breast .....	6
Leukaemia .....	Nil
Influenza .....	2
Pneumonia .....	9
Bronchitis .....	9
Ischaemic Heart Disease .....	113
Cerebrovascular Disease .....	45
Motor vehicle accidents .....	2
Other accidents .....	10
Suicide .....	3

TABLE ONE

Population				England and Wales				England and Wales			
Workington				Birth Rate				Death Rate			
	Live Births	Birth Rate	Adjusted	Deaths	Death Rate	Adjusted	Birth Rate	Death Rate	Adjusted	Birth Rate	Death Rate
1961	29,490	512	17.4	16.8	349	11.9	14.0	17.4	12.0		
1962	29,710	521	17.6	17.0	365	12.3	14.5	18.0	11.9		
1963	29,810	500	16.8	16.8	353	11.8	13.9	18.2	12.2		
1964	29,770	552	18.5	18.5	336	11.3	12.3	18.4	11.3		
1965	29,910	575	19.2	19.2	339	11.6	13.2	18.0	11.5		
1966	29,980	517	17.2	17.2	336	11.2	12.5	17.7	11.7		
1967	29,910	482	16.1	16.1	325	10.9	13.0	17.2	11.2		
1968	29,990	471	15.7	15.7	371	12.4	14.2	16.9	11.9		
1969	29,710	458	15.4	15.4	358	12.0	14.0	16.3	11.9		
1970	29,460	451	15.3	15.3	341	11.6	13.3	16.0	11.7		



**TABLE TWO**

	Birth Rate (uncorrected)	Birth Rate (adjusted)	Death Rate (uncorrected)	Death Rate (adjusted)
Workington M.B.	15.3	—	11.6	—
Urban District Councils of Cumberland	15.2	—	12.5	—
Rural Districts Councils of Cumberland	14.1	—	12.1	—
Administrative County of Cumberland	14.6	—	12.2	—
England and Wales	16.0	—	11.7	—

**TABLE THREE**

**CAUSES OF DEATH**  
**Total All Ages — 1970**

		<i>Male</i>	<i>Female</i>	<i>Total.</i>
	All Causes	193	148	341
B4	Enteritis and other Diarrhoeal Diseases .....	1	—	1
B5	Tuberculosis of Respiratory System .....	—	1	1
B6 (1)	Late effects of Respiratory TB	—	—	—
B6 (2)	Other Tuberculosis .....	—	1	1
B17	Syphilis and its Sequelae .....	1	—	1
B18	Other Infective and Parasitic Diseases .....	—	—	—
B19 (1)	Malignant Neoplasm, Buccal Cavity etc .....	2	—	2
B19 (2)	Malignant Neoplasm, Oesophagus .....	2	2	4
B19 (3)	Malignant Neoplasm, Stomach .....	6	4	10
B19 (4)	Malignant Neoplasm, Intestine .....	9	5	14
B19 (5)	Malignant Neoplasm, Larynx .....	—	—	—
B19 (6)	Malignant Neoplasm, Lung, Bronchus .....	13	2	15
B19 (7)	Malignant Neoplasm, Breast	—	6	6
B19 (8)	Malignant Neoplasm, Uterus	—	3	3
B19 (9)	Malignant Neoplasm, Prostrate .....	2	—	2
B19(10)	Leukaemia .....	—	—	—
B19(11)	Other Malignant Neoplasms	11	6	17
B20	Benign and Unspecified Neoplasms .....	—	—	—

B21	Diabetes Mellitus .....	1	1	2
B22	Avitaminoses etc. ....	—	—	—
B46 (1)	Other Endocrine etc., Diseases .....	—	—	—
B23	Anaemias .....	—	—	—
B46 (3)	Mental Disorders .....	—	—	—
B24	Meningitis .....	—	—	—
B46 (4)	Multiple Sclerosis .....	—	—	—
B46 (5)	Other Diseases of Nervous System .....	1	1	2
B26	Chronic Rheumatic Heart Disease .....	—	6	6
B27	Hypertensive Disease .....	2	1	3
B28	Iscaemic Heart Disease .....	73	40	113
B29	Other forms of Heart Disease .....	8	9	17
B30	Cerebrovascular Disease .....	17	28	45
B46 (6)	Other Diseases of Circulatory System .....	7	8	15
B31	Influenza .....	3	1	4
B32	Pneumonia .....	1	8	9
B33 (1)	Bronchitis and Emphysema ...	7	2	9
B33 (2)	Asthma .....	—	1	1
B46 (7)	Other Diseases of Respiratory System .....	2	3	5
B34	Peptic Ulcer .....	—	—	—
B35	Appendicitis .....	—	—	—
B36	Intestinal Obstruction and Hernia .....	—	—	—
B37	Cirrhosis of Liver .....	—	—	—
B46 (8)	Other Diseases of Digestive System .....	—	1	1
B38	Nephritis and Nephrosis .....	2	—	2
B39	Hyperplasia of Prostate .....	2	—	2
B46 (9)	Other Diseases, Genito-Urinary System .....	3	1	4
B46(10)	Diseases of Skin, Subcutaneous Tissue .....	—	—	—
B46(11)	Diseases of Musculo-Skeletal System .....	—	1	1
B42	Congenital Anomalies .....	1	1	2
B43	Birth Injury, Difficult Labour etc. ....	2	—	2
B44	Other Causes of Perinatal Mortality .....	—	—	—
B45	Symptoms and Ill-defined Conditions .....	3	1	4

BE47	Motor Vehicle Accidents .....	2	—	2
BE48	All Other Accidents .....	7	3	10
BE49	Suicide and Self-Inflicted Injuries .....	2	1	3
BE50	All other External Causes .....	—	—	—

## GENERAL PROVISIONS OF THE HEALTH SERVICES IN THE AREA

### (a) Staff

The Medical Officer of Health, Dr. Antony Hargreaves, took up his appointment on the 1st November, 1969.

### (b) Laboratory Services

Routine samples of milk and water are undertaken by the Carlisle Laboratory of the Public Health Service under the direction of Dr. D. G. Davies to whom the Department has been much indebted over the year, not only for routine work but for much help in queries and elucidation of food infestation and contamination.

Thanks are also due to the consultant pathologist of the West Cumberland Hospital, Dr. D. Smith, who kindly carries out routine Vi-agglutinin tests for water personnel of the West Cumberland Water Board.

### (c) Local Health Authority Services

There are two clinic centres in Workington Borough—the main clinic at Park Lane adjacent to the Town Hall and a satellite clinic at Salterbeck. The services available at these clinics are as follows:—

*Child Welfare—Immunisation and Health Education:—*

Park Lane—Tuesdays and Wednesdays at 2-00 p.m.

Salterbeck—Fridays at 2-00 p.m.

*School Clinic:* No fixed session but appointments for special cases are held according to need.

*Dental Clinic:* At both Clinics by appointment.

*Speech Therapy and Teaching of the Deaf:* By appointment.

*Child Guidance:* By appointment on Wednesdays at Park Lane.

In addition Cervical Cytology clinics are held at Park Lane and Salterbeck by appointment. Orthoptic treatment is carried out by appointment in cases selected by the consultant ophthalmologist at the out-patient department in Workington Infirmary or in the clinic by appointment.



Other Medical services, provided under Part III of the National Health Service Act and Welfare Services provided under the National Assistance Act are the responsibility of the Cumberland County Council. Information about these services, including the provision of Home Helps Immunisation Services, Accommodation for the Physically Handicapped, assistance for the Unmarried Mother, assistance and advice in connection with Family Planning, Accommodation for the Aged, may be obtained from the Area Health Office, Fieldside, Elizabeth Street, Workington.

Home Nursing and Maternity Services are now an integral part of the Family Doctor Service, together with the Health Visiting Service, and enquiries should accordingly be addressed to the Family Practitioner.

#### **(d) National Assistance Acts**

No proceedings were necessary under these acts during the year.

#### **(e) Port Health**

No case of infectious disease was notified during the year. Re-vaccination against smallpox of ships' crews was well maintained during the year.

### **SANITARY CIRCUMSTANCES OF THE AREA**

The Chief Public Health Inspector presents his report immediately after this one and gives in detail the work carried out in environmental aspects of the health of the town.

### **PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES**

#### **1. General**

The general incidence of infectious disease in the town was low but the prevalence of measles, in and out of its normal season, continued.

### **VACCINATION AND IMMUNISATION**

The major development in the field of vaccination and immunisation during the year was the completion for the whole of the county of the administration connected with the automatic call up for this purpose of all children born on or after 1st January, 1969.

This is now done by a computer programmed to make appointments in accordance with the following schedule as recommended by the standing medical advisory committee of the Central Health Services and the joint Advisory Committee on vaccination and immunisation.



- 6 months    Diphtheria/tetanus/pertussis & poliomyelitis.
- 9 months    Diphtheria/tetanus/pertussis & poliomyelitis.
- 14 months   Diphtheria/tetanus/pertussis & poliomyelitis.
- 15 months   Measles.
- 4 years - 6 months   Diphtheria/tetanus & poliomyelitis.

Using the birth register as its basic information the computer produces appointment cards for all children due for vaccination and immunisation for whom parental consent has been obtained. These cards are then posted on each occasion to the parents inviting them to take their child on a specific day and at a specific time to their own family doctor's surgery. Parallel to this, lists of those given appointments are sent to the practice concerned. Provision is made in the programming for failure to keep appointments for whatever reason.

For some time to come vaccination and immunisation sessions for diphtheria, tetanus and poliomyelitis will continue to be carried out during the school-life of many children; together with routine anti-tuberculosis (BCG) vaccination of those entering secondary school (or shortly thereafter) and german measles (rubella) vaccination of adolescent girls.

As a result of the computer programming of vaccination and immunisations it is now no longer possible to give you a statistical breakdown for the district area (family doctor's practices are not so arranged). However, in Cumberland as a whole, approximately 80% of children are eventually protected (67% in the first 18 months of life) with respect to diphtheria, tetanus and whooping cough (pertussis); 85% of children born in 1969 are protected against measles, together with a high percentage of older children; 85% of children are protected with respect to poliomyelitis; 85% of school-children receive BCG vaccination to protect them against tuberculosis; and a much smaller number of infants are still receiving smallpox vaccination.

These figures should not give rise to complacency—it takes a great deal of effort, particularly on the part of our health visitors and nurses, to keep them as high as this—and even so they are at the critical level when it comes to keeping these diseases at bay in the general community. We have found that great vigilance and continuing effort is required, especially with regard to measles vaccination, and I cannot over-emphasise the importance of BCG vaccination of adolescent children — despite the occasional sore arm — as we still get cases of pulmonary tuberculosis cropping up in young unvaccinated adults, especially young women.

During the latter part of 1970, a recommended vaccine against rubella (german measles) began to become available, but a routine vaccination scheme—limited to girls only, as they are the mothers of the future it is the unborn child who is actually at risk from infection by this virus—will not commence until early 1971 and will initially be restricted to girls in their thirteenth year.

**TABLE FOUR**  
**WORKINGTON M.B.**

**Notification of Infectious Diseases—1970**

Diseases	Total No. of cases.	Age Groups.											
		—1	1+	2+	3+	4+	5—9	10—14	15—24	25+			
Scarlet Fever	9		2		1	1	4						
Measles	112	2	18	11	21	8	51		1				
Dysentery													
Whooping Cough	1	1											
Typhoid													
Infective Jaundice	3						2			1			
Acute Encephalitis —post infectious	1					1							
Tuberculosis :		Total No. of cases.											
		—1	1	2—4	5—9	10—14	15—19	20—24	25—44	45—54	55—64	65—74	75+
	Respiratory	10				1			1	3		3	2
	Non Respiratory	1						1					



TABLE FIVE

**Tuberculosis — Workington — 1970**  
**Deaths and Death Rate**

Years	No. of Deaths—Workington			Death Rate per 1,000 Pop.	
	Respiratory	Non-Respiratory	Total	Workington	England and Wales
1911-1915	27.3	4.8	32.1	1.69	1.41
1916-1920	21.8	13.4	35.2	1.25	1.48
1921-1925	17.4	6.6	24.0	0.88	1.08
1926-1930	18.2	8.2	26.4	1.01	0.94
1931-1935	22.8	8.0	30.8	1.19	0.81
1936-1940	20.0	5.4	25.4	0.92	0.67
1941-1945	19.7	5.9	25.6	0.86	0.66
1946-1950	17.2	1.8	19.0	0.67	0.48
1951-1955	9.0	0.8	9.8	0.34	0.22
1956-1960	2.2	0.4	2.6	0.09	0.10
1961-1965	0.6	—	0.6	0.02	0.06
1966	—	—	—	0.00	0.05
1967	—	—	—	0.00	0.04
1968	2	—	2	0.07	0.05
1969	—	—	—	0.00	0.04
1970	1	1	2	0.07	0.04





**Annual Report  
of  
The Chief Public Health Inspector**

Town Hall,  
 Workington.  
 July, 1973.

*To the Worshipful the Mayor, Aldermen and  
 Councillors of the Borough of Workington.*

Your Worship, Ladies and Gentlemen,

Despite the considerable delay in preparation, I have pleasure in presenting this report on the work carried out, and the services provided by the Department during my sixth year of office. This report and the one for 1971 are intended to provide the statistics as required by Circular 1/71 of the Department of Health and Social Security in the format they prescribe. I intend to reserve my detailed comments for the report on 1972.

During the year the Department was subject to a number of staff changes, Mr. J. J. Pattison continued to be away for lengthy periods due to illness, until his untimely demise in October. Mr. Crelling resigned from his post in June to take up an appointment with Harrogate Borough Council. Mr. L. Shepherd was subsequently appointed to take over Mr. Crelling's former duties. Difficulties were, however, experienced in filling the vacancies and it was not until the end of November that it proved possible to appoint two experienced Public Health Inspectors, Mr. Bradbury from Ennerdale R.D.C. and Mr. Phillips from Penrith R.D.C. These factors created considerable difficulties in dealing with even the day to day duties of the Department, and I would like to place on record my appreciation to Mr. Pearson and Mr. Shepherd for the admirable way in which they coped over this difficult period. Finally whilst on the question of staff, I was pleased when the Council agreed to the appointment of a student Public Health Inspector. A local girl, Miss P. Ryan, was subsequently appointed and she was accepted at the University of Aston in Birmingham for the 4 year B.Sc course in Environmental Health.

I am,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

D. A. FOGG,

*Chief Public Health Inspector.*

## HOUSING

### Housing Acts

#### Dwelling Houses inspected and action taken

#### (1) Individual unfit houses capable of repair at reasonable cost

- (a) Number of dwelling houses in respect of which notices were served requiring repairs ..... Nil
- (b) Number of dwelling houses rendered fit after services of formal notices:—
  - (i) By owner ..... 1
  - (ii) By local authority in default of owner ... Nil

#### (2) Individual unfit houses not capable of repair at reasonable cost.

- (a) Proceedings under Sections 16, 17, and 23 Housing Act 1957
  - (i) Number of dwelling houses in respect of which demolition orders were made ..... Nil
  - (ii) Number of dwelling houses demolished in pursuance of demolition orders ..... Nil
- (b) Proceedings under Section 18 Housing Act 1957
  - (i) Number of dwelling houses in respect of which closing orders were made ..... 2
  - (ii) Number of closing orders determined, the dwelling house having been rendered fit Nil

#### (3) Clearance areas

- (a) Proceedings under Section 42 Housing Act 1957
  - (i) Number of clearance areas represented 2
  - (ii) Number of clearance areas declared ..... 2
  - (iii) Number of dwelling houses unfit for habitation ..... 60
  - (iv) Number of dwelling houses included by reason of their bad arrangement ..... 0
- (b) Number Clearance Orders ..... Nil
- (c) Number of Compulsory Purchase Orders ..... 2



## (4) Persons displaced and re-housed

## (a) Families

(i) Rehoused from individual unfit dwelling houses .....	1
(ii) Rehoused from clearance area .....	66

## (b) Persons

(i) Rehoused from individual unfit dwelling houses .....	2
(ii) Rehoused from clearance areas .....	204

## (5) Improvement grants

## (a) Number of houses inspected for improvement grant purposes

In improvement area .....	15
Individual Applications .....	195

## (b) Total number of visits made in connection with the above

In improvement area .....	78
Individual Applications .....	337

## (6) General

## (a) Number of dwelling houses inspected for housing defects .....

127

## (b) Total number of visits paid to the above houses .....

207

## Public Health Acts

## (a) Number of complaints received re insanitary conditions in dwelling houses .....

134

## (b) Number of dwelling houses inspected re complaints and routine inspections .....

260

## (c) Total number of visits of all kinds to dwelling houses .....

780

## Action taken

Number of informal notices served re insanitary conditions in dwelling houses ..... 57

Number of informal notices for insanitary conditions in dwelling houses complied with ..... 32

Number of statutory notices served for insanitary conditions in dwelling houses ..... 6

Number of statutory notices for insanitary conditions in dwelling houses complied with ... 1



**TABLE ONE**

Summary of items included in the above notices :—

Defects	Served	Complied with
Roofs	14	13
Walls	20	1
Floors	6	2
Ceilings	7	1
Windows	10	4
Doors	—	—
Fireplaces and flues	4	—
Sinks	1	—
Water Supplies	7	4
Rainwater conductors	12	4
Paving	3	1
Water Closets	13	9
Drainage	7	2
Cleansing	4	2
Miscellaneous	18	2

Once more it has not been found necessary to institute proceedings for non-compliance with Statutory Notices or do any work in default. Working relationships with owners, agents, architects, landlords and tradesmen continue to be good and leads to a spirit of willing co-operation between all concerned.

### **Rent Act, 1957**

No applications for a Certificate of Repair under the Act were received.

### **Caravan Sites and Control of Development Act**

Twelve visits were made to Caravan Sites and individual caravans during the year. There has been little difficulty during the year in keeping the Cloffocks, and other sites used by itinerant caravanners clear, but this often presents a problem in that occasionally the odd caravan is able to remain on a quiet site un-noticed for some time before it is reported to or seen by a member of the department.

### **Common Lodging Houses**

There are no known Common Lodging Houses in the Borough.

## Food Hygiene

The following tables give the Statistical details required by Circular 1/70 of the Department of Health and Social Security.

### TABLE TWO

#### Category of Trades

Type of Premises	No. of Premises	No. of Premises fitted to comply with Reg. 16	No. of Premises to which Reg 19 applies	No. of Premises fitted to comply with Reg. 19
Bakehouses	19	19	19	19
Butchers	25	25	25	25
Breweries and Mineral Water Manufacturers	5	5	5	5
Catering premises	71	71	71	71
Confectioners	24	24	24	24
Fishmongers and Poulterers	8	8	8	8
Fried Fish Shops	16	16	16	16
Greengrocers	20	20	20	20
Grocers & General Ice Cream Manufacturers	111	111	111	111
Licensed Premises	5	5	5	5
Tripe etc. Shops	89	89	89	89
	1	1	1	1
<b>Totals</b>	<b>394</b>	<b>394</b>	<b>394</b>	<b>394</b>

N.B. Regulation 16—refers to the provision of personal washing facilities.

Regulation 19—refers to the provision of facilities for washing food and equipment.

**TABLE THREE**

## Inspections

Type of premises	No. of inspections
Bakehouses .. .. .	8
Butchers ... ..	16
Breweries & Mineral Water Mfrs. ...	2
Catering Premises ... ..	18
Confectioners ... ..	2
Fishmongers & Poulterers ... ..	3
Fried Fish Shops ... ..	14
Greengrocers ... ..	12
Grocers and General ... ..	48
Ice Cream Manufacturers ... ..	0
Licensed Premises, Clubs, Hotels ...	35
Staff Canteens ... ..	1
Tripe Boilers ... ..	1
<b>Total</b>	<b>160</b>

In addition 39 inspections of stalls and food vehicles were made in the year and revisits, interviews and discussions in connection with food premises totalled 54.

**Food Control**

Eight complaints were dealt with regarding foodstuffs—each case was investigated and appropriate action taken, involving 48 visits to premises.

Table 4 below gives details of the complaints followed by a summary of the findings and action taken:—

**TABLE FOUR**

Commodity	Nature of Complaint
1 Tinned Tomatoes	Contained snail
2 Sardines	Maggots
3 Loaf of bread	Contained grease
4 Corned Beef	Susp. Staphylococcal infection
5 Fruit Tart	Mouldy
6 Chocolate	Contained Larva
7 Loaf of bread	Bolt in substance
8 Vanilla Slice	Dark fibrous material in substance



## SUMMARIES

1. When opened the tin of imported tomatoes was found to contain a snail. The matter was thoroughly investigated and as a result proceedings were instituted and the importers were fined £50 plus costs.

2. This tin of sardines contained a maggot. When investigated, however, it was found that the chain of evidence was unsatisfactory and so a strong warning letter was sent to the retailer.

3. This loaf of bread was found to have a dark patch within its substance. It appears that this was a small piece of vegetable grease which had been cooked into the bread. The attention of the management of the bakery in question was drawn to the occurrence and procedures put in hand to obviate recurrence of this circumstance and a strong warning given.

4. As a result of a communication from the Ministry of Agriculture, Fisheries and Food, investigations were conducted at Wholesale and Retail outlets for particular brand of corned beef, and 30 tins were removed from sale and destroyed. These tins were suspected of staphylococcal infection.

5. This fruit tart was found to be mouldy when the purchaser cut into it shortly after purchase. The matter was investigated and reported to the Public Health Committee who resolved that proceedings be taken under the Food and Drugs Act. In the event, however, due to circumstances beyond our control, it was not possible to institute proceedings and so the baker concerned was severely warned as to the outcome of any future recurrence.

6. This bar of Fruit and Nut milk chocolate was infested with a larva—investigation failed to reveal any source of the infestation and the premises concerned were found to be in excellent condition and so in the circumstances strong warnings were given to the Proprietor.

7. The sliced loaf had been supplied to a local factory canteen and when the assistant came to use the bread to make sandwiches, she noticed that the external crust was dirty and stained with what seemed to be oily patches. When the slices were separated a small bolt was seen to be embedded in the substance. On investigation it seemed that the bolt may not have been baked in the bread but may have been introduced at some later stage. In the circumstances no further action was taken, except a warning as to the proper storage and handling of foodstuffs.

8. The vanilla slice appeared to the purchaser to be small and lacking in filling, the slice was opened and some



dark fibrous material was seen to be embedded in the filling. The matter was investigated and the offending slice shown to the alleged manufacturers and his operatives, who could not recognise the slice as one of their own, nor could they account for the type of material which was embedded in the filling. In the circumstances warnings as to precautions to be taken re safeguarding the cleanliness of food were given.

### **Food Inspection**

The following foodstuffs were found to be unfit for human consumption. The goods were surrendered voluntarily by the vendors, certificates were issued and the goods then destroyed. Approximately 50 visits were made in connection with this service and the total weight of foodstuffs dealt with was 2 tons, details are shown in Table Five, below.

**TABLE FIVE**

	Tons	Cwts	Lbs
Meat		1	77
Cooked Meats and Meat products		4	44
Canned Meats		7	73
Canned Foods	1	12	48
Fish			30
Fruit and Vegetables		12	60
Other Foods		1	86
	—	—	—
	2	0	72
	—	—	—

### **Food and Drugs Act, 1955—Section 16**

One application for registration was made under this Section. The premises were brought up to the required standard and finally registered.

There are now 104 premises registered for the sale of ice cream and 4 for its manufacture. One manufacturer uses the hot mix method, 2 reconstitute cold mixes and one makes a soft ice cream in a vending machine in his shop.

Sixty-three premises are registered for the preparation and manufacture of sausages, potted, pressed, pickled or preserved food.

### **Liquid Egg (Pasteurisation) Regulations 1963**

No action has been taken under these regulations as there are no liquid egg pasteurising plants in the Borough.

### **Poultry**

There are no poultry processing premises within the Borough.

## Dairies and Milk Distributors

At the end of the year there were 29 registered dairies, 19 purveyors of milk, 5 producer retailers and 8 farm producers within the Borough. In addition to the routine inspections of these premises a total of 17 inspections were carried out by the Health Department Staff on behalf of the Cumberland County Council, under the provisions of the Milk Special Designations Regulations.

It will be seen from Table 6 that we were unable to maintain the same level of sampling as in previous years, although spot checks were made to ensure the maintenance of the standards previously attained. The usefulness of this was shown when a positive result to a Ring Test for brucellosis came to light, this was traced to an individual cow, and rather than submit a culture test, the farmer concerned sent the cow for slaughter.

**TABLE SIX**

	No. of Samples	No. void	No. fail methylene blue	No. fail phosphatase	No. fail turbidity	No. of churns sampled	No. which failed ring test	No. individual cow samples	No. failing ring	No. failing culture	No. of cows removed
Retailers											
Producer/	9	—	—	—	—	—	—		—	—	—
Retailer	7	—	—	—	—	—	—		—	—	—
Farms	13	—	—	—	—	41	1	25	1	—	1
	29	—	—	—	—	41	1	25	1	—	1



## Water Supply

The water supply continues to be derived from the 'Crummock' Lake catchment area and is supplied by the West Cumberland Water Board.

### 1970—71

Within the Borough 800 yards of 12in. main were laid between the Sultra Factory and Siddick Bridge, in order to improve the supplies of portable water to the industrial development at Siddick. A network of 18in : 12in. and 8in. mains was also laid for the benefit of industry on the Lilly-hall Estate.

798 yards of smaller main were laid at Westfield, Moorfield and the Town Centre Redevelopment project.

The Board do not have any programme for the replacement of lead services. These are renewed, as necessary, usually in conjunction with roadworks.

I am greatly indebted to Mr. C. P. Coates, Engineer to the West Cumberland Water Board who provided the above information and for the willing co-operation and assistance received from himself and his staff throughout the year.

Sampling continued throughout the year, 38 samples being submitted for bacteriological examination by either the Water Board or the Health Department. Thirty-seven of these samples were 'satisfactory', the other being 'satisfactory' on resampling. One sample was submitted for Chemical analysis—being satisfactory—the report being reproduced hereunder:—

#### *Analysis:*

Appearance .....	clear and colourless
Odour .....	Nil
Reaction, pH .....	7.9
Colour (Hazen Units) .....	less than 5
—parts per million—	
Total solids .....	25
Nitrogen as free and saline ammonia .....	0.00
Nitrogen as albuminoid ammonia .....	0.00
Nitrogen as nitrites .....	Nil
Nitrogen as nitrates .....	less than 0.5
Chlorides, as Cl .....	6.0
Oxygen absorbed from permanganate	
4 hours at 27 deg. C. ....	0.6
Total hardness .....	17
Temporary hardness .....	9
Permanent hardness .....	8
Alkalinity .....	9
Total residual chlorine .....	Nil
Free available chlorine .....	Nil



Potassium, as K .....	0.2
Anionic synthetic detergents .....	—
Manganese, as Mn .....	—
Cyanides and thiocyanates .....	—
Poisonous metals .....	—

The chemical and bacteriological condition of this water is satisfactory.

## **SWIMMING BATH WATER**

The new pool opened this year at Moorclose, and sampling was carried out, particularly with reference to chlorine content, the results showed a variance in chlorine levels. Whilst there must inevitably be a settling in period, it will be necessary to carry out a regular survey of the chlorine content of both pools and to advise the bath staff on dosage rates.

## **OFFICES, SHOPS AND RAILWAY PREMISES AND FACTORIES**

### **Offices, Shops and Railway Premises, 1963**

Five notices were served during the year, these covering 18 contraventions in all but it was not found necessary to institute proceedings to obtain compliance with our requirements. The main defects noted included lack of cleanliness, lack of adequate lighting, failure to maintain an adequate temperature and other minor points.

There were 6 accidents reported for the year as against last year. Whilst such a figure is encouraging, I still doubt that all notifiable accidents are being reported to the local authority as required by the Act. Of the accidents which were notified, investigation revealed no negligence attributable to the employers concerned. As a matter of interest details are listed below:—

## **ACCIDENTS**

### **1 Shop:**

Assistant was closing cash register drawer when she trapped her left hand, middle finger, between drawer and casing, cracking the bone. No defect in cash register—more care needed.

### **2 Shop:**

Assistant in butchers shop was carving meat, when knife slipped and cut his right wrist.

### **3 Office:**

Office cleaner standing on chair cleaning wardrobe top, slipped and, in falling, hit arm of another chair bruising her back and cracking two ribs—warned that use of chair bad practice and that suitable steps must always be used in such circumstances.

4 *Shop:*

Stockroom assistant 'went over' on his right ankle while descending stairs causing severe sprain. No defect in stairs and no obstructions.

5 *Shop:*

Stockroom assistant was baling paper and cardboard and when tearing a cardboard box a wire staple lacerated the palm of his right hand, causing such a wound that he was hospitalized for several days.

6 *Shop:*

Assistant using bacon slicing machine caught her finger between bacon and clamping device (which was teathed) and sustained a fracture of the finger.

**TABLE SEVEN**

Premises registered and inspected.

Class of Premises	No of premises registered during year	Total No. of registered premises at end of year	No of premises receiving a general inspection
Offices	1	95	5
Retail shops	3	14	34
Wholesale shops, Warehouses	1	19	—
Catering Establishments	—	23	—
Fuel Storage Depots	—	—	—
Totals	5	351	39

Total number of Inspections made for all purposes—51.

**TABLE EIGHT**

Analysis of persons employed in registered premises by workplace.

Class of Workplace	No. of Persons Employed
Offices ... ..	936
Retail Shops ... ..	960
Wholesale Dept. Warehouses	146
Catering Establishments ... ..	150
Canteens ... ..	6
Fuel Storage Depots ... ..	—
Total ... ..	2198
Total Males ... ..	1000
Total Females ... ..	1198

## **SHOPS ACT**

### **HAIRDRESSERS AND BARBERS**

Little action has been possible in this field over the period, routine enquiries to the Public Health Office have been answered; only one specific inspection was carried out other than those covered at the same time as inspections under other legislation.

### **FACTORIES ACT**

It has not been possible to undertake a proper routine of inspections of factories during the year.

The statistical information as required by the Secretary of State for Employment is appended hereunder:—



TABLE NINE

1. Inspections for purposes of provisions as to health  
(including inspections made by Public Health  
Inspectors)

Premises (1)	Number on Register (2)	Number of Inspections (3)	Number of written notices (4)	Number of Occupiers prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ...	29	1	Nil	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority .....	130	4	4	Nil
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) .....	36	Nil	Nil	Nil
<b>Total</b> .....	<u>195</u>	<u>5</u>	<u>4</u>	<u>Nil</u>

TABLE TEN

## 2. Cases in which defects were found

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	Referred By H.M. Inspector (5)	
Want of cleanliness (S.1) .....	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4) ...	—	—	—	—	—
Ineffective drainage of floors (S.6) .....	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	5	5	—	3	—
(c) Not separate for sexes ...	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork) .....	—	—	—	—	—
Total .....	5	5	—	3	—

### 3. Outwork (Sections 133 and 134)

The department has not been notified of any outworkers residing within the Borough.

**TABLE ELEVEN**

#### List of Trades

Aerated Waters	...	...	...	...	...	...	4
Bakehouses	...	...	...	...	...	...	17
Brewing	...	...	...	...	...	...	1
Butchers	...	...	...	...	...	...	3
Cement Industries and Roadstone Makers	...	...	...	...	...	...	2
Corn Merchants	...	...	...	...	...	...	1
Dairies	...	...	...	...	...	...	5
Dyers and Cleaners	...	...	...	...	...	...	3
Electrical and Radio Repairs	...	...	...	...	...	...	8
Electrical Undertakers	...	...	...	...	...	...	2
Fur Manufacturers	...	...	...	...	...	...	1
Gas Undertakings	...	...	...	...	...	...	3
General Dealers and Scrap Sorters	...	...	...	...	...	...	6
Heavy Engineers	...	...	...	...	...	...	6
Ice Cream Manufacturers	...	...	...	...	...	...	1
Knacker Yard	...	...	...	...	...	...	1
Laundries	...	...	...	...	...	...	2
Leather Workers and Shoe Repairing	...	...	...	...	...	...	6
Light Engineering and Motor Repairs	...	...	...	...	...	...	27
Monumental Masons	...	...	...	...	...	...	2
Non Woven Fabrics	...	...	...	...	...	...	—
Paper Board Manufacture	...	...	...	...	...	...	1
Paper Processing	...	...	...	...	...	...	1
Plumbers	...	...	...	...	...	...	10
Printing	...	...	...	...	...	...	2
Quarrying	...	...	...	...	...	...	1
Rum Butter Manufacture	...	...	...	...	...	...	1
Scale Repairing	...	...	...	...	...	...	2
Slag Recovery	...	...	...	...	...	...	1
Steel Making	...	...	...	...	...	...	1
Tailoring	...	...	...	...	...	...	8
Tripe Dressing	...	...	...	...	...	...	1
Waste Paper Baling	...	...	...	...	...	...	1
Watch and Clock Repairs	...	...	...	...	...	...	1
Weaving	...	...	...	...	...	...	4
Wood Cutting and Working	...	...	...	...	...	...	23
Works of Engineering Construction	...	...	...	...	...	...	2
Works of Building Operations	...	...	...	...	...	...	31



## ATMOSPHERIC POLLUTION

Unfortunately due to vandalism the readings at all the Stations had to be discontinued during the early part of the year; after only 96 daily readings had been taken. Because of the staffing difficulties, the equipment was not brought back into use. I do, however, feel that the use of this equipment has proved extremely valuable in plotting the pollution pattern for the Borough, and in particular substantiating the extent to which domestic premises form the major source of pollution, despite the high level of visible industrial pollution.

## RODENT AND PEST CONTROL

A total of 199 complaints of infestation by rodents were received during the year. These necessitated over 800 visits and revisits by the Rodent Operative in addition to routine surveys. Some 41 visits were made by Public Health Inspectors, where difficulties arose.

Table 12 below shows the statistical information as it is returned to the Ministry of Agriculture, Fisheries and Food.

**TABLE TWELVE**

Rodents	Non Agricul- tural	Agricul- tural
1. Number of properties in district	12129	31
2. (a) Total number of properties inspected following notification	195	4
(b) Number infested by (i) rats	71	4
(ii) mice	124	—
3. (a) Total number of properties inspected for rats and/or mice for reasons other than notification	—	—
(b) Number infested by (i) rats	—	—
(ii) mice	—	—
4. Number of sewer treatments carried out	2	—
5. Number of statutory notices		
(a) served	—	—
(b) complied with	—	—
6. Number of proceedings	—	—

## VERMIN AND PEST CONTROL

The number of complaints of infestations by various pests and vermin, including pigeons, was 342. These necessitated many visits by Mr. Little, together with daily servicing of the pigeon traps. As will be seen from Table 13, the major cause of complaints was again ants.

**TABLE THIRTEEN**

Total number of properties inspected following notification	318
Number of properties infested by	
Ants	258
Cockroaches	45
Silverfish	8
Fleas	2
Insects (various)	23
Pigeons	5
Bed Bugs	1
	<hr/>
	342
	<hr/>

The inspection of vacant Council Houses and those where exchanges have been requested has continued through the year, 273 houses having been inspected and reports as to their condition rendered to the Housing Department.

### GENERAL

The following information relates to work carried out by the Department in connection with matters not covered in other sections of the report.

### NOISE ABATEMENTS ACT

Action under this Act has been minimal and of a minor nature. Only 6 complaints were received and involved 13 visits being made to give advice and secure the abatement of the nuisances by informal means, no notices being served.

### Nuisances under the Public Health Acts

Number of complaints received in respect of insanitary conditions other than in dwelling houses .....	14
Number of informal notices served as a result of the investigations of the above complaints ...	8
Number of informal notices complied with .....	1
Number of statutory notices served as a result of the above complaints .....	1
Number of statutory notices complied with .....	1



## Summary of visits to premises under various Acts

(Not covered in the previous sections)

Abandoned vehicles .....	176
Animal Boarding Establishment .....	2
Civic Amenities .....	18
Infectious Disease .....	18
Interviews .....	161
Knackers Yard .....	4
Markets .....	35
Miscellaneous .....	102
Accumulations .....	21
Pet Shops .....	3
Piggeries .....	1
Public Conveniences .....	1
Refuse Collection .....	78
Refuse Disposal .....	57
Re-visits .....	28
Salvage .....	41
Schools .....	52
Scrap Metal Dealers .....	—
Theatre and Places of Entertainment .....	2
Health Education .....	22

The attention of the Borough Surveyor and/or Water Engineer was called to:—

Choked sewers, drains and gullies .....	12
Defective Public Conveniences .....	3
Miscellaneous .....	5
Repairs to Corporation Property .....	30

## REFUSE COLLECTION AND DISPOSAL SERVICE

The conversion to paper sack collection continued through this year with the result that some 75% of the properties have now been converted. We are now issuing sack holders with integral guards and continue to provide guards for the older type sack holders when the occupier complains of damage to the sacks by animals.

The special collection service continues to be in great demand, with 741 requests in 1970 but despite the availability of this service, refuse continues to be dumped on numerous sites throughout the Borough, necessitating considerable time and expense in clearing the site. In addition cars, in varying states of delapidation, continue to be abandoned. A total of 176 visits were made following complaints and investigations.

During the early part of the year, the Fiat Tracked Shovel was finally replaced with a Track Marshall 1100, and



proved more reliable than the previous vehicle. Similarly the Bedford Tipper, which has been in regular use since 1963 was replaced with a new 5 ton Bedford Tipper. Details of all the vehicles in use during the year are given at the end of this section.

Refuse disposal continued at Oldside but with the anticipated commencement of the reclamation scheme, there must inevitably be doubts as to the ultimate life of the tip, and consideration must now be given to possible alternative sites or methods of disposal.

### **Vehicles in service at end of 1970—**

#### **Refuse Collection**

<b>Type of Vehicle</b>	<b>Registration No. and Date Registered</b>	
Shelvoke & Drewry. 35 cu yd. Pakamatic.	GRM 201D	(March) 1966
Shelvoke & Drewry. 35 cu yd. Pakamatic.	JRM 618D	(October) 1966
Shelvoke & Drewry 20 cu yd. Pakamatic.	PAO 633F	(April) 1968
Shelvoke & Drewry 35 cu. yd.	SRM 704 G	(April, 1969)
Karrier Dual Tip.	961 DAO	(January) 1961
Karrier Side Loader.	BRM 676B	(September), 1964
Morris Van.	TAO 664 G	(May), 1969

#### **Salvage**

Fordson Tractor/Shovel.	CRM 650	(November) 1960
6 Salvage Trailers.	Purchased 1967	

#### **Refuse Disposal**

3 Ton Bedford Tipper.	544 MAO	(December) 1963
5 Ton Bedford Tipper	WRM 995H	(June) 1970
Track Marshall 1100		(February) 1970

### **Staff at end of 1970**

Foreman.	R. Robinson.
Deputy Foreman.	L. Bland.

#### **Refuse Collection**

Drivers	...	...	...	...	...	...	4
Drivers/Labourers	...	...	...	...	...	...	3
Labourers	...	...	...	...	...	...	15

**Salvage Depot**

Labourers	...	...	...	...	...	...	2
-----------	-----	-----	-----	-----	-----	-----	---

**Refuse Disposal**

Driver	...	...	...	...	...	...	1
--------	-----	-----	-----	-----	-----	-----	---

Labourer	...	...	...	...	...	...	,
----------	-----	-----	-----	-----	-----	-----	---

Total	...	...	...	...	...	...	26
-------	-----	-----	-----	-----	-----	-----	----

In addition to the permanent staff a maximum of 5 temporary men were taken on for varying periods of time to replace staff off duty during times of exceptional sickness and during holidays.

**All these figures relate to Financial Year:**

	1968/69	1969/70	1970/71
Number of loads of refuse removed to tip	3541	4818	3520
Estimated weight of refuse removed	8548	7408*	5202
Weight of salvage baled and sold	354	351	384 tons
Total receipts for salvage sold	3483	3745	£ 4096
Total bonus shared between men	580	757	£ 818
Average bonus per man for year	20	27	£ 27
Cost of refuse collection	£36732	£41747	£50845
Cost of refuse disposal	£ 3813	£ 4020	£ 5299
Cost of salvage			£ 522
<b>Total</b>	<b>£40545</b>	<b>£45767</b>	<b>£56666</b>

\*Basis of weights carried changed in July 1969 estimated weights reduced by  $\frac{1}{3}$ .

**Salvage**

Receipts	£4096
Salvage service	£3800
Bonus	£ 818
	<hr/>
	£4618
	<hr/>
Cost	£ 522
	<hr/>





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